INL's Data Center

"I would like to announce today that INL's new super computer and latest addition to data center will be dedicated as – ICE STORM," said Brent Stacey, Idaho National Laboratory chief information officer. "ICE STORM is a super computer procured by INL from a well-known computer vendor, SGI. ICE STORM is rated as No. 64 on the list of the 500 fastest super computers in the world today. It has 2,048 processors all working together. I struggled with how to demonstrate the power of this machine without talking about teraflops and other technical jargon, and an example of the power of this machine is that a complex calculation that can be completed in ICE STORM in one day would take five years on your average home computer."

"The achievement is . . . . Think of it as a new laboratory, because that is what it is," said John Grossenbacher, INL laboratory director. "It will allow is to take measurements and understandings of phenomenology, and take it to the next level by being able to model and simulate that capability. And, very importantly, we're in the business here of not developing models for models' sake or simulations for simulations' sake, but to deliver end products that work in the real world."

"On behalf of the Department of Energy, I would like to congratulate the Idaho National Laboratory and John Grossenbacher and his management team on this latest accomplishment in establishing the Idaho National Laboratory as our nation's premier nuclear energy, science and technology laboratory," said Shane Johnson, principal deputy associate secretary of Nuclear Energy. "And, so I really think this is an incredible addition to this laboratory and again the department stands firm and fast in its commitment to making the Idaho National Laboratory a truly world-class nuclear laboratory. And again with that, John and the rest of your staff, you guys need to take great pleasure in what I think has been an outstanding year."